Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





FEDERAL - STATE COOPERATIVE
SNOW SURVEYS and WATER SUPPLY FORECASTS
for

WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the U. S. Forest Service, Bureau of Reclamation, National Park Service, and other Federal, State and local organizations

MAY 1, 1957

UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY AND WATER SUPPLY FORECAST REPORTS

Snow surveys in the west are conducted each year at more than 1200 snow courses. Basin and Province or State snow survey reports summarizing the results of the measurements and forecasts of seasonal runoff and water supply are issued by the Soil Conservation Service, U. S. Department of Agriculture and some of its coperators; the Water Rights Branch of the British Columbia Department of Lands and Forests; and the California Division of Water Resources.

Copies of the various federal-state cooperative snow survey reports listed below may be secured by writing to:

Colorado, Rio Grande, .. Issued monthly February through May by SCS and Colorado

Head, Water Supply Forecasting Section Soil Conservation Service 209 S. W. 5th Avenue Portland 4, Oregon

BASIN REPORTS:

	and Platte-Arkansas River Basins	Experiment Station, Fort Collins, Colorado.*
	Columbia River	Issued monthly January through May by Soil Conservation Service, Boise, Idaho.*
	Upper Missouri River Basin	Issued monthly February through May by SCS and Montana Agricultural Experiment Station, Bozeman Montana.*
	West-Wide Water Supply Outlook	Issued April 1 by Soil Conservation Service and Co-operators, Portland, Oregon.
37	TATE REPORTS:	
	Arizona	Issued semi-monthly January 15 through April 1 by SCS and Salt River Valley Water Users Association, Phoenix, Arizona.*
	Nevada	Issued monthly February through April by SCS and Nevada State Engineer, Reno, Nevada.*
	Oregon	Issued monthly January through May by SCS, Portland, Oregon, and Oregon Agricultural Experiment Station.*
	Utah	Issued monthly January through May by SCS, Salt Lake City, Utah, and State Engineer of Utah and Utah Agricultural Experiment Station.*
	Washington	Issued monthly February through May by SCS, Spokane, Washington, and State Department of Conservation and

*Special reports are issued as needed.

The British Columbia reports are issued February 1 through June 1 and may be secured from Comptroller, Water Rights Branch, Department of Lands and Forests, Parliament Building, Victoria, B. C.

Development.*

The California reports are issued monthly February 1 through May 1 and may be secured from Division of Water Resources, California Department of Public Works, Sacremento, California.

The annual water supply forecasts of the Weather Bureau are available in monthly bulletins published from January through May. These bulletins entitled, "Water Supply Forecasts for the Western United States" may be obtained from River Forecast Center, Weather Bureau, 712 Federal Office Building, Kansas City 6, Missouri.

FEDERAL-STATE COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued May 1, 1957

Report Prepared by George W. Peak Snow Survey Supervisor

Soil Conservation Service and State of Wyoming

> 345 East 2nd Street P.O. Box 699 Casper, Wyoming

> > Issued by

B. H. Hopkins State Conservationist Soil Conservation Service Earl Lloyd State Engineer of Wyoming Cheyenne, Wyoming



WATER SUPPLY OUTLOOK

FOR

WYOMING

MAY 1, 1957

Prospective seasonal water supplies stored in the high watersheds of 쏬 Wyoming are considerably brighter than one month ago. Throughout the * month, heavy storms have improved the status of the mountain snow pack and range land as well. 30 1/2 * Normal, or near normal runoff is expected for most of Wyoming's streams, * * * * however, current usable reservoir storage is still considerably below * normal in some basins, principally the North Platte, where the total * water supply of storage and runoff is expected to be less than average. * * 3% 3% * Because of subnormal temperatures and above normal snowfall during * April, the snow pack is exceptionally heavy for this time of year. ж. Rapidly rising temperatures could therefore produce streamflow peaks 24 * considerably higher than would normally be expected. * * 34

SNAKE RIVER BASIN

Heavy April storms have increased the expected flow of the Snake River above Moran from lll percent on April 1 to a final forecast of 117 percent of normal. This will be an April to September flow of 1,006,000 acre feet into Jackson Lake. Below Moran, Pacific Creek will discharge 127 percent of normal; Buffalo Fork 98 percent; Gros Ventre 93 percent and the Hotack 94 percent of overage. The Snake River is expected to discharge 3,150,000 acre feet into Palisades Reservoir at the Wyoming-Idaho state line, which is 107 percent of normal.

Current usable storage in Jackson Lake is 185,300 acre feet which is 37 percent of the overage for this time of year. Palisades contains 215,723 acre feet of water.

The Salt River watershed is holding an exceptionally heavy snow pack, which is expected to yield a seasonal flow of 416,000 acre feet of water or 116 percent of the April-September average.



GREEN RIVER BASIN

Anticipated flows from the Green River watershed are generally improved over those of one month ago. The flow at Warren Bridge is about the same, at 96 percent, however, North Piney near Moran is up to 120 percent, New Fork is 96 percent, the Green at Fontenelle is standing at 99 percent. The drainage from the Uinta's has come up considerably, so the total discharge of the Green River at Linwood, Utah is expected to be 1,280,000 or elose to 98 percent of average.

NORTH PLATTE BASIN

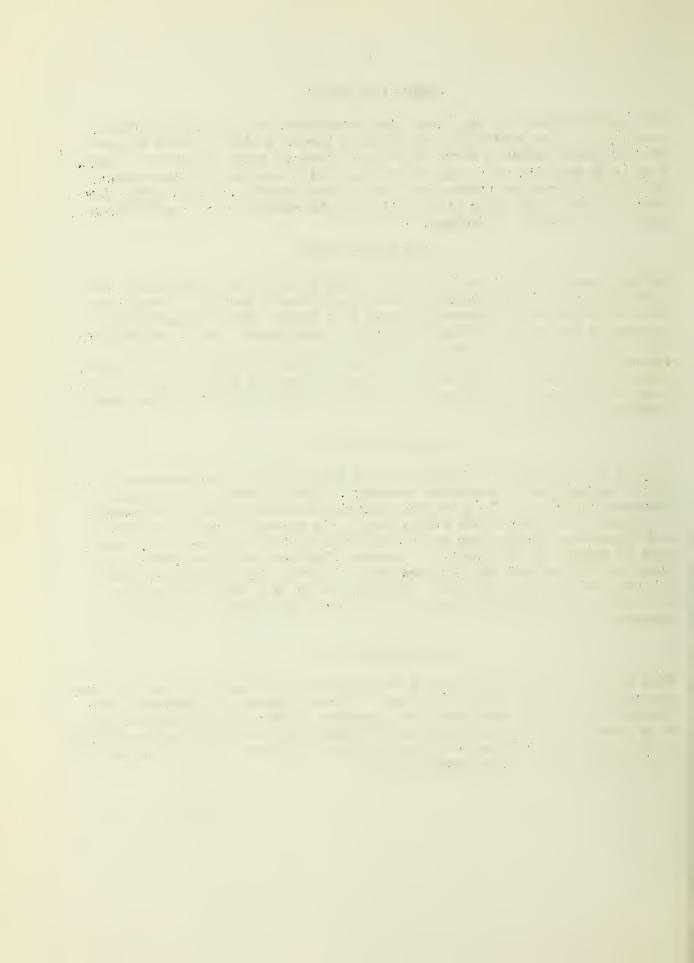
The snow pack on the North Platte watershed is standing considerably above normal for this time of year, however, temperatures during the month have been far below normal, preventing snow melt runoff, but not necessarily increasing the expected amount of water. Anticipated seasonal yields from the Laramie and North Platte at Saratoga will be 114 and 107 percent, respectively, and Encampment river above Encampment, 94 percent of average. Reservoir storage is much below the normal amount for May 1, therefore the total of storage and runoff will be about 90 percent of the average April-September water supply.

WIND RIVER BASIN

The May 1 snow surveys in the Wind River Basin above Boysen Reservoir indicate an increase in watershed storage. The Wind River at Dubois will discharge 92,000 acre feet of water during the season which is 90 percent of normal. At Riverton the supply will be 73 percent on the Wind River and 94 percent for the Popo Agie. The combined flow will be 800,000 acre feet at Boysen, or 85 percent of average. The Shoshone River Basin is expected to discharge 880,000 acre feet in Buffalo Bill Reservoir which is 107 percent of the 1938-1952 average, and the west flank of the Big Horn Mountains will yield from 5 to 15 percent less than normal water supplies.

BIG HORN MOUNTAINS

This is the second year of data for the network established in the Big Horn Mountains. With the exception of two or three courses, the current snow survey data has only one year for comparison. Last year the discharge of most streams in this area was close to normal. From the data gathered this year, the estimated flow from these mountains will range from 85 percent to 100 percent of last years water supply.



-3-WYOMING STREAM-FLOW FORECASTS MAY, 1957

		April-Septem	hon 30		s of all the constitutions are a
BASIN AND TRIBUTARY		Stream-Flow		and Acre	Feeh
	FCRECAST	%			15-Vr.
	RUNOFF	15-Yr.	Measured		Average
		AVG.	1955	1954	1938-52
MADIGON DIMED			a des a desta magnificações (e efet a algundad		Committee Commit
MADISON RIVER West Yellowstone (at)	210	106	183	23.9	198
YELLOWSTONE RIVER	220		<u>.</u>)	C-J-/	170
Corwin (at)	1885	101	1527	2014	1870
NORTH POPO AGIE					,
Milford (near)	85	102	57	73	83**
LITTLE POPO AGIE					
Lander (near)	48	91	25	39	53**
POPO AGIE RIVER	705	0.4		000	a)
Riverton (near)	325	94	171	230	345**
WIND RIVER Dubois (et)	92	90	66	105	102**
Riverton (at) (1)	375	73	101	287	511
Boysen (below) (2)	800	85	401	629	939
BIG HORN RIVER			492		, , ,
Kane (at) (2)	1100	82	703	696	1344
SHOSHONE RIVER					
Buffalo Bill Dam (below) (3)	088	107	534	766	823
SHELL CREEK		100	50	۲0	es
Shell (near) CLARKS FORK	74	100	72	52	74**
Change (at)	546	94	419	600	580
LARAMIE RIVER	540	34	للبلدي البلدي	000	500
Jelm (at) (l ₄)	120	114	84	46	105*
ENCAMPMENT RIVER				-4-5	
Encampment (near)	150	94	86	72	1.60%
NORTH PLATTE RIVER					
Country ()	=00	00	07.0	0.01	p est en
Saratoga (at) MEDICINE BOW RIVER	700	99	319	234	657
Hanna (near)	116	105	51	17	111
SWEETWATER RIVER	110	100	21	7.1	مادوندواد
Alcova (at)	73	100	35	45	73
GREEN RIVER					
Warren Bridge (at)	320	96	253	354	333



WYOMING STREAM-FLOW FORECASTS MAY, 1957

	April-September 30 Seasonal Stream-Flow in Thousand Acre Feet								
			w in Thous	and Acre					
BASIN AND TRIBUTARY	FORECAST	%		D 00	15-Yr.				
	RUNOFF	15-Yr.	Measured		Average				
		AVG.	1955	1954	<u> 1938-52.</u>				
NORTH PINEY CREEK									
Mason (near)	44	120	24	35	3 7				
NEW FORK CREEK									
Boulder (near)	236	96	161	259	2148				
GREEN RIVER									
Fontenelle (at)	920	99	623	896	931.				
Linwood (at) Utah	1280	98	756	901	1300				
SNAKE RIVER					0.45				
Moran (at) (5)	1006	117	738	1010	85 8				
PACIFIC CREEK			-1-		- 44				
Moran (near)	211	127	142	230	166*				
BUFFALO FORK			~~~	1 = 0	07/11/1				
Moran (near)	349	98	315	418	356***				
GROS VENTRE			7.00	000	067 44				
Kelly (at)	242	93	199	293	261***				
HOBACK Jackson (near)			290	8بليا	386**				
SNAKE RIVER	361	94	290	Що	200%				
State Line (at) (5)	E350	107	2516	3250	29119***				
Heise (at) (5)	3150 4100	107	2925	4001	3 834				
SALT RIVER	4.100	107	C/C)	4001)				
State Line (at)	416	116	231	287	360				
BEAR RIVER	#T O	110			290				
Evanston (near)	156	110	74	5 5	142				
Randolph (near)	125	108	26	15	116*				
Harer (at) Idaho	300	107	116	100	281				
SMITHS FORK									
Border (near)	125	110	78	89	114*				

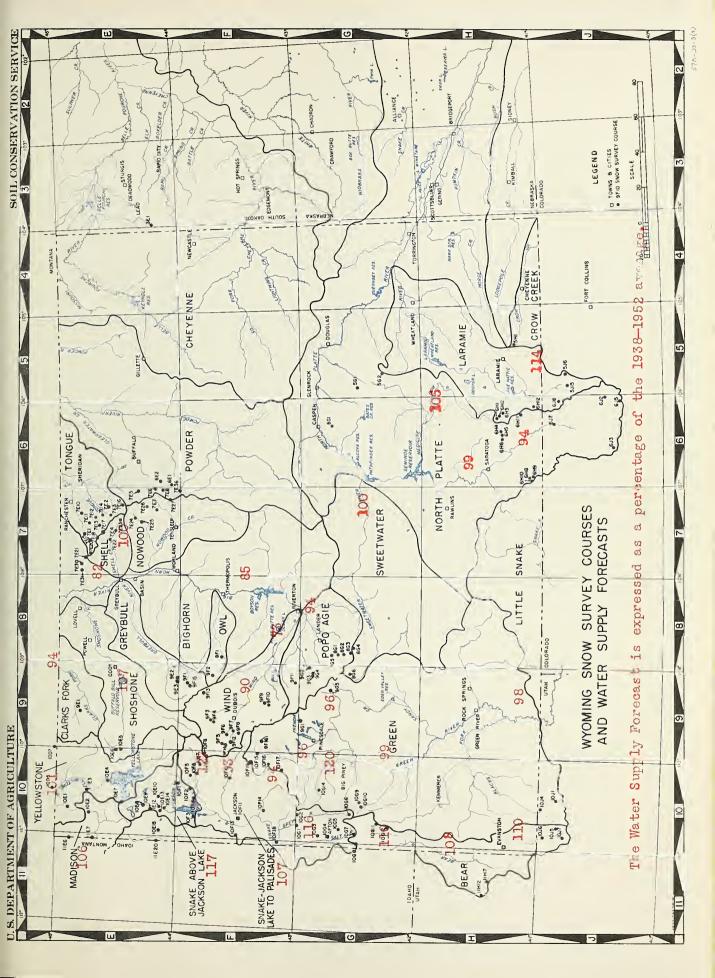
All stream data taken from observed flow records with the following exceptions:

- (1) Observed flow corrected for storage in Bull Lake and Pilot Butte reservoirs.
- (2) Observed flow corrected for storage in Boysen, Bull Lake and Pilot Butte Reservoirs.
- (3) Observed flow corrected for storage in Buffalo Bill Reservoir and Hart Mountain Diversion.
- (4) Observed flow corrected for Colorado diversion above station.
 (5) Observed flow corrected for Jackson Lake Storage.

⁴⁶ Less than 15.

Estimated 1933-52 average.





INDEX TO WYOMING SNOW COURSES

rainage Basin	Wyoming		LOCATI	Uh.	Range	Record	Mone.	Kons.	Dreinere Beein	Wyomine		LOCAT1	· · i	Range	Record	Rese.	ho
rainage Basin nd Course Name	Number Number	Elev.	Lat.	Twp.	Long.	Regan	Dates	By By	Drainage Beein and Course Name	Number	Elev.	Lat.	TWP:	Long.	Began	Detes*	Ву
DISON RIVER		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	naved	and sittle					CROW CREEK			tavbit	- SINKINGE				
rrie Saein	10E2	7500	440441		1100421	1936	3,4	2	Pole Wountain #2	5E1	8700	35	15N	72m	1936	2,3,4,5	1,4
Mile om st Tellowntone om	11ES 11E7	7150 6700	1 34	11S 13S	5E 5E	1934 1934	1,2,3,4,5	6	NORTH PLATTE								
LLOWSTONS									Albany Sottle Creek	6H11 6H8	9400 8200	18 24	14N 14N	76% 85W	1949 1936	2,3,4,5	1
nyon oke City *m	10E3 10D7	7750 7400	44 ⁰ 44° 25	9S	110°30'	1938 1937	1,2,3,4,5	1 2	Boxelder Camper Mountain	561 661	9000 6700	31	30% 32N	75W 79W	1950 1954	2,3,4,5	1
vice Mountain am	10D5 10E6	8400 7000	22 17	9\$ 52N	9E 109W	1935 1948	3,4	4 2	Columbine *C	6J3 6I!12	9300	21	5N 13H	82W 78W	1936 1936	2,3,4,5	1 4
ke Camp pine Creek	10E4 10E1	7850 7300	44 034		110°24' 110°37'	1937 1938	1,2,3,4,5	2	LaBonte North Serrett Creek/2	5G2	8450 9400	11	27N 16N	74W 80W	1949 1936	2,3,4,5	1
umb Divide lvan Pees	10E7 10E5	7900 7100	44°22° 12	52N	110°35'	1946 1936	2,3,4	5 2	North French Creek#1 North French Creek#2		10200	27	16N 16N	60W WO8	1938 1956	2,3,4,5	1
ARK'S FORK									Northgate *c	6J7 6H10	8500 9800	7 29	11N 14N	79W 85W	1950 1936	2,3,4,5	1
dgepole	9E1	8200	32	56N	10 <i>6</i> N	1940	2,3,4,5	1,4	Park View *C Ryen Perk #2	6J 2 6H 6	9200 8400	24 34	5% 16%	76W 81W	1936 1936	2,3,4,5	1
ND RIVER									Webber Spring	6119	9000	27	14N	85 W	1936	2,3,4,5	1,
g Nerm cooks Lake #5	9F12 10F8	8800 9200	36 23	42N 44%	109W 110W	1955	2,3,4,5	1	Aillow Creek Pass *c	6J 5	9500	1	48	76%	1938	2,3,4,5	
rroughs Creok	9F4 9F10	8800 10000	15	43N 38N	1077 1057	1948 1948	2,3,4,5	1	CHEYENNE RIVER	#F:3	0500		7.1	10	1044	0.7.4	4
y Creek	9F9 9F6	9500 8750	34 27	4N 42N	105W	1948 1940	2,3,4,5	1	Upper Speerfieh *8	351	6500	21 no stute	3N R DRAINAGE	18	1944	2,3,4	7
st Fork	9P13	9200	23	44N 41N	104W 108W	1956 1948	2,3,4,5	1	GREEN RIVER		301000	SC RIVE	. D.MINKUZ				
ttle Werm eriden R.S. #1 of	9F8 9F5	9500 7500	24	41N 42N	108# 109#	1948 1939	2,3,4,5	1		10011	8700	7	27%	117W	1951	2,3,4,5	1
eriden R.S. #2 Cross Rench	9F14	7500 8000	3	42N 43N	1097 1074	1955 1940	2,3,4,5	1	8ig Perk 8lind 8ull Dutch Joe R.S.	10611 1062 965	8700 8750 8700	6 32	34N 31':	115W 104W	1948 1936	2,3,4,5	1
Owotee Pass	1059	9600	29	44N	110₩	1936	2,3,4	5	Eest Rim Divide Green River Lakes	10F17 9F16	7950 8100	32 30	37N 39	111W 108W	1936 1956	1,2,3,4,5	
PO ASIE RIVER	1								Groe Ventre Hewinta R.S. *4	10F19 10J4	8750 9500	36 33	40H 3N	113W 13E	1948	2,3,4,5	î
ue Ridge uoe's Camp	85 2 65 5	9500 6500	23 24		10 1W	1939 1955	2,3,4,5	1	Hole-in-the-Rook *u Kelly R.S.	10J1 10G12	9150 8200	15 13	2 N 26 N	15E 118W	1931 1951	2,3,4,5	1
bbs Perk squito Ferk R.S.	1903 196 4	10000 9500	2? 23	25 25	101W	1948 1940	2,3,4,5	1	Kendell R.S. Loomis Park	10F15 10F16	7900 8500	2S 14	38E 37N	110W 111W	1936 1936	2,3,4,5	1
wmill Glede outh Pass	8G1 8G3	8500 9000	3 13	31N 30N	10 1W	1939	2,3,4,5	1	Mulligan Park Old Sattle	9G1 6H10	8900 9800	17 29	35N 14N	10 8W 85W	1936 1936	2,3,4,5	1
.Lawrence R.S. out Creek	9F11 9G2	9000 8400	26 5	1N 2S	4W 2W	1940 1948	2,3,4,5	1 57.2	Piney-LaBsrge Poison Needows	10G10 10G6	8820 8500	19 29	29N 30N	114% 116%	1937 1948	2,3,4,5	1
L CREEK									Snyder Basin R.S.#1 Snyder Basin R.S.#2	10G9 10G13	8040 8040	15 15	29K 29K	114W 114#	1937 1956	2,3,4,5	1
savers Mill wl Creek	9/2 8/1	8900 8700	6	43N	10 2W	1948	2,3,4,6	1	Sode Lake	10G14	8300	14	33N	115W	1955	2,3,4,5	1
EYBULL RIVER	U. I.	6700	36	43H	101%	1948	2,3,4,5	1	SELVE DENED COSTS (1)	ome to			R DRAINASE	,			
mber Creek #1	9E2	8800	25	4.7N	10317	1948	2,3,4,5	1	SKAKE RIVER BASIN (At	10F1	6850	3	46N	113%	1919	2,3,4	5
imber Creek #2 ood River #1	9E3 9F1	8800	25 28	47N 46K	103W 103W	1958	2,3,4,5	1	Arizona Aeter Greek Base Camp	10F1 10E8 10F2	7700 6900	44017	46N	110°37°	1919 1919 1947	2,3,4	5
od diver #2	9F15	8000	28	46N	103#	1956	2,3,4,5	ī	Coulter Creek Glede Creek	10E10 10E13	7600 7200	44 0091 44 0081		110033*	1919	2,3,4	2
OSHONE RIVER									Greesy Lake Huckleberry Divide	10E15 10E14	7265 7300	6 32	48K 48N	117W 115W	1940 1919	2,3,4,5	5
st Entrance	19E6 10E5	7000 7100	17 12	82N 52N	109\ 110\	1948 1936	1,2,3,4,5	2 2	Lowie Lake Divide Moren 🦢	10E9 10F4	7900 6800	44°13' 8,17	45N	110°40°	1919 1919	2,3,4,5	5
WOOD CREEK									Moran Bay Snake River Station Thumb Divide	10F3 10E12	6800 6780	14 44°08*	45N	116W 110°40'	1919 1919	2,3,4	5
old Springs Camp	7E25	8700	1	SON	8874	1956	2,3,4,5	1	Thumb Divide JACKSON LAKE TO PALIS	10E7	7900	44°22'		110°35*	1951	2,3,4	5
citaine Lodge Lakee inkers Pees vid	7E24 7E8	9500 9700	11	51% 48N	87W 85W 86W	1956 1950 1956	2,3,4,5	1	Aften R.S.	10G4	6200	30	32N	118W	1936		1
orth Powder #2 *e	7E36 7E27	8300 8100	20 31 33	47N 48N 50N	85 W 8 6W	1956	2,3,4,5	1	81ackrook	10F7 10G2	8600 8750	4	44N 34N	111W 115W	1936 1948	2,3,4,5	15 1
ensleep iake ensleep R.S. vrell R.S.	7826 787 7835	90 7 5 8300 8300	30 30	50N 49% 49%	8 GW 8 GW	1956 1956	2,3,4,5 2,3,4,5 2,3,4,5	1 1	Blind Sull 5ryan Flat CCC Camp	1062 10F14 10G7	6250 7500	9	38 N 29 N	115W 115W 118W	1948 1936 1936	2,3,4,5 1,2,3,4,5 2,3,4,5	
ELL CREEK		5000		***	0.011	2700	2121410		Cottonwood Lake Deadman Rench	10G5 10G1	7500 6534	25 28	31N 35N	118W 116W	1936 1936	2,3,4,5	1
ld Mountain	7E21	9600	33	5 GN	91W	1956	2,3,4,5	1	Laet Rim Divide Four Elle Meadowe	10F17 10F6	7950 7770	32 35	37N 45%	111W 112W	1936 1936	1,2,3,4,5	5
enver-Tongue Divide	7E20 7E18	9200 9200	12 32	55N 55N	9 JW 9 JW	1956 1956	2,3,4,5	1	Greye Boundary Gree Ventre	10F18 10FT9	5800 8 7 50	33 36	37N 40N	118W	1936 1948	1,2,3,4,5	1
renite Creek Camp renite Pase	7522 7517	7800 8950	15 19	53N 54N	8.9W 8.8W	1956 1956	2,3,4,5	1	Grover Perk Divide Loomis Park	10G3 10F16	7500 8500	27 14	33N 37N	118W	1936 1936	1,2,3,4,5	1
anger Creek	784	8800	32	53 N	88#	1935	2,3,4,5	1	Poison Meedows Teton Pess #2	10G6 10F13	8500 8500 °		30% 41%	116W	1949 1936	2,3,4,5	
nell Creek	7E23	9600	12	52K	88W	1956	2,3,4,5	1	Togwotee Peee furpin Meedowe Yellowiecket	10F9 10F5 10F10	9600° 6930 7676	29 14 33	44N 45X 42N	110W 112W 112W	1936 1936 1936	2,3,4,5	5 5 4
ORCUPINE CREEK	7E31	7500	19	5617	92W	1956	2,3,4,5	1	Yellowjaoket Salt River Summit Snow King Mountainel	1068	7676 7900 7600	33 32 4	42N 29B 40N	112W 116W 117W	1936 1948 1949	2,3,4,5 2,3,4,5 S _e mi Mo.	1.
ve Springs Falls edicine Wheel	7E31 7E30	7500 9000	19 24	56N 56N	9 2W 9 2W	1956 1956	2,3,4,5	1	Snow King Mountain#2		7600	4	4ON 4ON	1178	1954	Semi Mo.	1
WGIE RIVER	-								SEAR RIVER								
eaver Tongue Divide	7520 752	9200 7700	12	56K 53N	91W 86W -	1956 1935	2,3,4,5	1	Big Park	10G11 10G7	8700 7 500	7 9	27N 29%	117W 118W	1951 1936	2,3,4,5	.1
g Toose #2 one-Spring Divide	7E32 7E18	7700 9200	4 32	531: 55%	85W	1955 1956	2,3,4,5	1	Girl Hollow wu Goodman Ra zeh wu	11H17 10J6	8400 7900	5 19	7N 3N	5E 10E	1951 1937	3,4,5	
rgess R.S. ∯1 rgess R.S. ∯2	7E1 7E33	7900 7900	36 36	56N 56N	89W 89W	1950 1955	2,3,4,5	1	Hayden Fork su Head of Bear Kiver su	10J7 10J5	9300 8600	1 15	1.S 2.N	9E 10E	1951 1935	4,5	
me Lake #1 ne Lake #2	7E3 7E34	8800 6800	11	53N 53N	87 W 87 W	1950 1950	2,3,4,5	1	Kelly R.S. Honte Gristo, R.S. ≈u	10G12 11H12	8200 8960	13	26N 8N	118W 4E	1951 1930	2,3,4,5	1
oom Creek anite Pase	7E14 7E17	9300 89 5 0	32 19	55H 54H	874 8 8 W	1956 1956	2,3,4,5	1	Poison Meadows Salt River Summit	1006 1008	8500 7900	29 32	30N 29N	11 <i>8#</i>	1948 1948	2,3,4,5	1
ake Geneva	7E16	9000	7	52N	8 677	1956	2,3,4,5	1	2	-				,		,	
orth Tongue itley Lake	7E15 7E11 7E12	*8800 8000 9000	17 10 19	55N 55N 55N	89W 88W 87W	1956 1956 1956	2,3,4,5	1 1 1			Ť.,	-					
cker Creek camboat Point ood Rock G.S.	7612 7610 7E13	7500 8500	32	FEN SAN	87W 87W 86W	1956 1956	2,3,4,5 2,3,4,6 2,3,4,5	1 1			4	н					
WIDER RIVER	1020		v	V=N	001	2000	-141410										
esy Noman	6E1	8200	6	4.7N	84W	1956	2,3.4,5	1									
oddy Creek G.S.	6g2 7g8	7800 9700	2	48N 48N	84W	1956 1950	2,3,4,5	1		* 400							
orth Powder #2 %	7E36 7E27	8300 8100	20	47N 48N	85W 85W	1956 1956	2,3,4,5	1									
ldier Park ur Dough	725 726	8700 8500	36 17	51N 49N	8517 84W	1950 1936	2,3,4,5	1									
EET&ATER	w.7																
rannier Meadows #1	8G4	9000	19	3011	100W	1937	2,3,4,5	1					,				
rannier Meadows #2 arsen Creek	8G6 9G6	9000	19 12	30N 30N	100W 103W	1956 1949	2,3,4,5	1	a. Numerals 1,2,3,4 b. Numerals refer t	o Ageney	that e	soures th	1. Februa	ry 1, Marc rvoy, as	on 1, Apr Collows:	ril 1, end 1	Lay
outh Pess	8G3	9000	13	30N	10 1W	1939	2,3,4,5	1	1. Soil Cons 2. U.S. Nat	cional Par	rk Servi	loe.					
ARABIE RIVER	4113	10.222	22	1.00	702	1070	2 7 4 5	1	3. U. S. Ind 4. U. S. For	est Serv	ice.	O.D.					
rooklyn Lake #1 rooklyn Lake #2 eadmen Hill @c	6H13 5J8	10200 10200	11 11 26	16N 16N	79% 79% 75%	1936 1956 1937	2,3,4,5	1	5. U. S. Bur 6. U. S. Geo c. Coloredo snow co	logical :							
sadmen Hill *c ox Park strpin Tu rn ∦2	6H12 6H2	9200 9500	21 24	131/ 16%	789 797	1936 1936	3,4,5 2,3,4,5 2,3,4,6	4	d. Formerly Muddy F e. North Powder #1	0.88.	i.						
ibby Lodge #2	6H3 6J16	8700 9100	29 35	16t- 10N	78W 76W	1936 1949	2,3,4,5	1,4	f. Sheridan Greek p	srtielly		red.					
ole Mountain #2	5H1	8700	35	15N	72W	1936	2,3,4,5	1,4	e. South Dekote and							(3)	

COOPERATIVE SNOW SURVEYS

Summary of Snow Measurements

May 1, 1957

WATERSHEDS	NO. OF COURSES AVERAGED	NO. OF YEARS AVERAGED	1957 1956		ER EXPRESSED ENTAGE OF AVERAGE *
MADISON RIVER-YELLOW STONE PARK	3,3,3	5 to 15	139	128	200 ac
UPPER YELLOWSTONE—YELLOWSTONE PARK	6,6,5	6 to 15	108	136	135 ^a
LOWER YELLOWSTONE-CLARK'S FORK	1	15	79	137	₁₃₃ b
LOWER YELLOWSTONE-WIND RIVER	9,9,9	8 to 15	76	128	110 ^{ab}
LOWER YELLOWSTONE-POPO AGIE RIVER	7,7,7	8 to 15	122	166	140 ab
LOWER YELLOWSTONE-OWL CREEK	1,2,2	7	121	161	117 ^a
LOWER YELLOWSTONE-GREYBULL RIVER	2,2	2	329	930	
LOWER YELLOWSTONE—SHOSHONE RIVER	2,2,1	15	166	246	172 ^a
LOWER YELLOWSTONE-NOWOOD CREEK	4,2,2	6 to 15	94	80	99 ac
LOWER YELLOWSTONE-SHELL CREEK	7,1,1	15	93	111	144 b
LOWER YELLOWSTONE-PORCUPINE CREEK	2		109	v	
LOWER YELLOWSTONE-TONGUE RIVER	15,5,3	6 to 15	103	141	141 ac
LOWER YELLOWS TONE-POWDER RIVER	5,3,3	6 to 15	86	155	146 ab

x Watershed average determined by one or more of the following methods:

a Average of all past data.

b Average is for 15 years of data within and adjacent to the 1938-1952 period.

c 1938-1952 average.



COOPERATIVE SNOW SURVEYS

Summary of Snow Measurements

May 1, 1957

WATERSHEDS	NO. OF COURSES AVERAGED	NO. OF YEARS AVERAGED	1957 SNOW WATER EXPRESSED AS PERCENTAGE OF 1956 1955 AVERAGE X			
		11 V Entre II D				
NORTH PLATTE—SWEETWATER	3,3,3	7 to 15	118	186	150 abc	
NORTH PLATTE-LARAMIE RIVER	11	8 to 15	125	254	158 abc	
NORTH PLATTE-CROW CREEK	1	15			272 ^a	
NORTH PLATTE-ABOVE SEMINOE RESERVOIR	R 15	6 to 15	137	198	142 abc	
NORTH LARAMIE MOUNTAINS	3,3,2	6 to 7	167	87	120 a	
UPPER COLORADO—GREEN RIVER	16,9,9	5 to 15	111	207	153 abc	
SNAKE RIVER-ABOVE JACKSON LAKE	2,1,1	7	87	115	147 ^a	
JACKSON IAKE TO PALISADES	14,12,10	6 to 15	97	123	113 ab	
BEAR RIVER	10,8,4	5 to 9	127	153	127 ^a	

x Watershed average determined by one or more of the following methods:

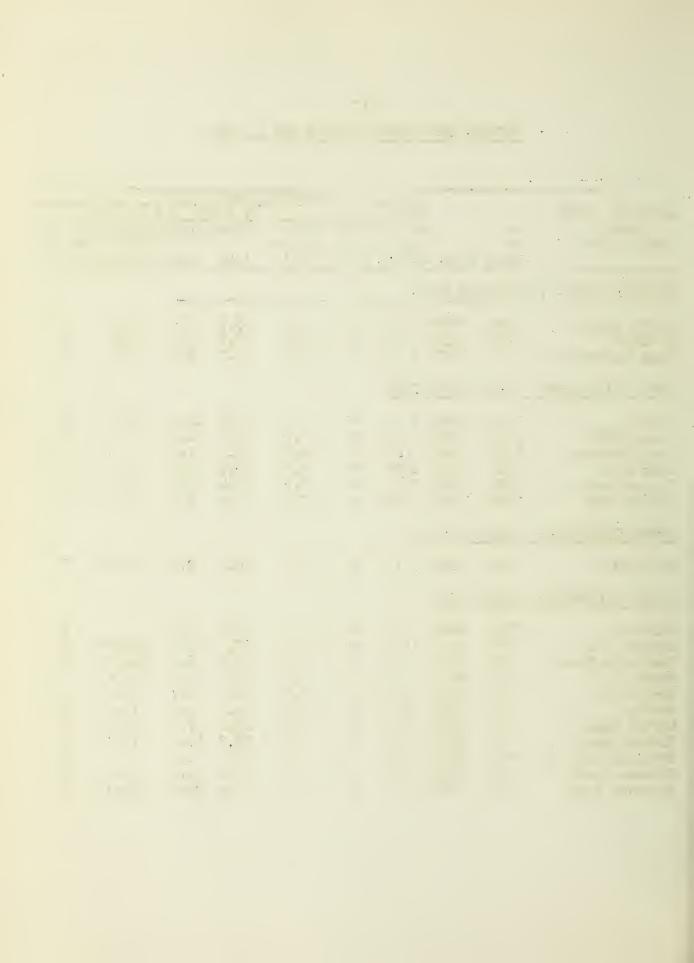
a Average of all past data.
b Average is for 15 years of data within and adjacent to the 1938-1952 period.

c 1938 - 1952 average.



-7WYOMING SNOW SURVEY - ABOUT MAY 1, 1957

				S	NOW COVE				
DRAINAGE BASIN	71.		1957	C	T.T			ecor	The same of the sa
and SNOW COURSE	No. or		Date	Snow	Water Content	water	Conte		Previous Yrs. of
DIVOW COORDE		Elev	Survey	(In.)	(In.)	1956	7955	Average	
	50200	TITCA	Dar vey	(2118)	(1110)	1/)0	±///	11101.050	2000010
MADISON RIVER - YE	LLOWSTO	NE PAI	RK					and the second of the second o	amore constituent of the constituent
Norris Basin	10E2	7500	5/2	23	8.1	5.7	8.2	5.5*	5
21 Mile ^m	11E6	7150	4/28	57	21.5	17.7	15.0	11.2	23
West Yellowstone ^m	11E7	6700	4/27	28	10.8	5.7	8.4	3.5	23
UPPER YELLOWSTONE	- YELLO	WST ONI	E PARK						
	,								
Canyon	10E3	7500	4/30	50	17.3	17.4	14.5	11.6*	12
Cooke Citym	10D7	7400	5/1	27	8.2	6.8	6.6	5.5	12
East Entrance	10E6	7000	4/28 4/30	28	10.2	2.2	1.3	0 1.v	3
Lake Camp Lupine Creek	10E4 10E1	7850 7300	5/2	33 26	9.3 8.9	15.2 9.4	8.8	8.4* 9.1*	10 6
Sylvam Pass	10E5	7100	4/28	45	15.1	13.0	9.0	8.8*	15
	4047	1200	-,			4 0,0	,,,,	0.0	
LOWER YELLOWSTONE	- CLARK	'S FOE	SK						
Lodgepole	9E1	8200	5/1	40	12.6	16.0	9.2	9.5*	+ 17
LOWER YELLOWSTONE	- WIND	RIVER							
Big Warm	9F12	8800	4/27	39	11.8	13.3	8.7		2
Brooks Lake	10F8	9200	4/26	7 8	28.1	37.1	27.9	26.5∺	
Burroughs Creek	9F4	8800	4/28	45	15.7	23.5	9.4	16.4*	8
Dinwoodie		10000	4/29	61	16.4	21.8	11.9	15.9*	8
Dry Creek DuNoir	9F9 9F6	9500 8750	4/29	42	10.4	11.2	5.7	8.4*	8
Geyser Creek	9F0 9F7	8500	$\frac{4}{27}$	36 32	10.7 10.2	14.0	6.9 7.1	7.4* 6.4*	15 8
Little Warm	9F8	9500	$\frac{4}{27}$	74	23.9	28.7	19.2	21.2*	8
Sheridan R.S. #2	9F14	7500	4/26	28	8.0	9.7	2.5		2
T-Cross Ranch	9F3	8000	4/28	24	7.4	9.0	2.7	4.4*	14
Togwotee Pass	10F9	9600	5/1	83	32.7	47.4	30.6	35.1*	8



-8-WYOMING SNOW SURVEY - ABOUT MAY 1, 1957

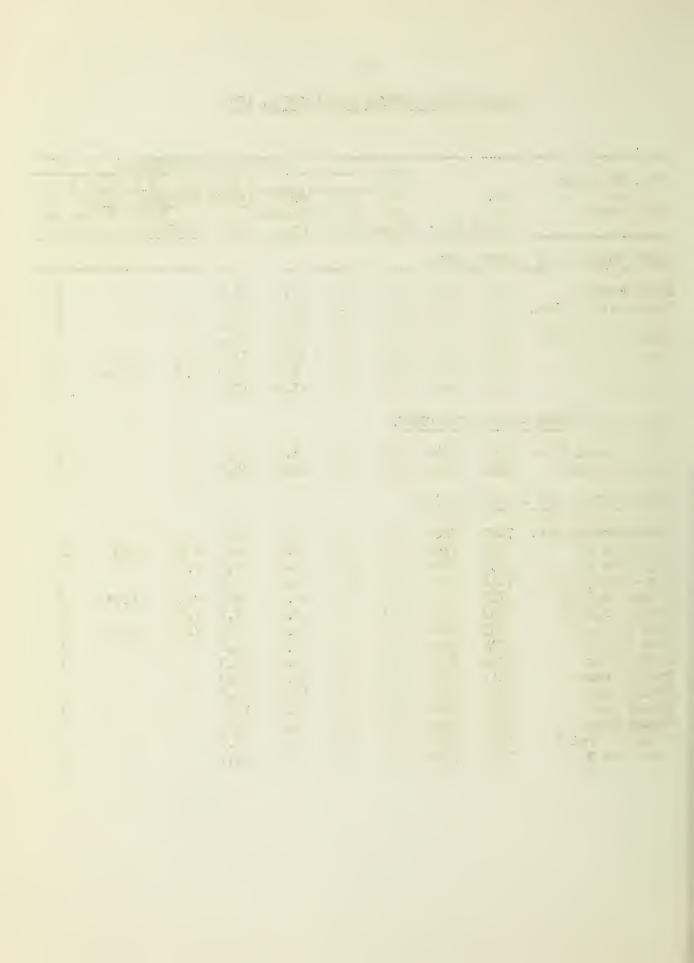
					management of the property of the second of	7	~~~	841.1844	-
**************************************			1957		SNOW C		EASURE		
DRAINAGE BASIN	NT.				T.To de a se	:Pa		R e c o r ent(In.)Pr	
and SNOW COURSE	No. or		Date of		Water		r Cont	ent(In.)F1 1938-52 I	
SNOW COOKSE		T'T orr		y (In.)	Content (In.)	1956	1955		
	Doabe	ETGA.	Dut. ve) (TII.	(711.)	.1950	1777	Average 1	resorra
LOWER YELLOWSTONE -	POPO	AGTE F	TVER						
							-		
Blue Ridge	8G2	9500	5/4	48	15.3	15.6	11.0	12.5**	17
Bruce's Camp	8G5	6500	-/		N.R.	0.0			1
Hobbs Park	9G3	10000	5/2		22.7	27.3	19.0	23.1%	8
Mosquito Park R.S.	9G4	9500	5/2	44	13,9	9.7	8.0	7.8*	12
Sawmill Glade	5G1	8500	5/4		11.6	4.3	3.2	6.8**	17
South Pass	8G3	9000	5/4		L9.0	19.1	14.0	14.6**	17
St. Lawrence R.S.	9F11	9000	4/30		11.4	9.4	6.9	7.5*	13
Trout Creek	9G2	8400	5/2	31	10.4	0.0	0.8	2.0%	8
TOLUED THAT FOR LOW OWN	OT TT - C1	יייי דיייי דייי							
LOWER YELLOWSTONE -	OMT C	REEK							
Beavers Mill	9F2	8900	4/26	35	9.4	N.R	5.1	7.7%	7
Owl Creek	8F1	8700	4/26	28	8.2	6.8	5.8	7.3*	7
		-,	4/ 20	20	0.2		70-	,,,,	•
LOWER YELLOWSTONE -	GREYB	ULL RI	VER						
Timber Creek #2	9E3	8800	4/28	30	9.0	3.0	0.0		2
Wood River #1	9F1	8000	No Re			N.R.	N.R.	3.5*	13
Wood River #2	9F15	8000	4/27	46	12.4	3.5	2.3		2
TOUTED WEST TOUTONS	CIIOC	ם ישונים דו	CIGITY						
LOWER YELLOWSTONE	- SHUS	HONE R	LVER						
East Entrance	10E6	7000	4/28	28	10.2	2.2	1.3		3
Sylvan Pass	10E5	7100	4/28		15.1	13.0	9.0	8.8*	3 15
		, = -	-/ 30				,,,,		
LOWER YELLOWSTONE -	NOWOO	D CREE	K						
Cold Comings Com	מני ט ני	9700	- /s	0.5	0.3	6 6			7
Cold Springs Camp Medicine Lodge Lake	7E25	8 700 9500	5/1	23	6.1	6.6			1
Munkres Pass	7E8	9700	No Rep	38	יו א	12.4	9.6	9.0%	6
Onion Gulch	7E27	8100	5/1 5/1	29	8.2	7.3	7.0	7.0%	1
Tensleep Lake	7E26	9075		29 N.R.	0.7	11.4			i
Tensleep R.S.	7E7	8300	5/4	8	1.9	3.2	7.0	4.5	21
*			-/ -	_				-1 **	



-9-

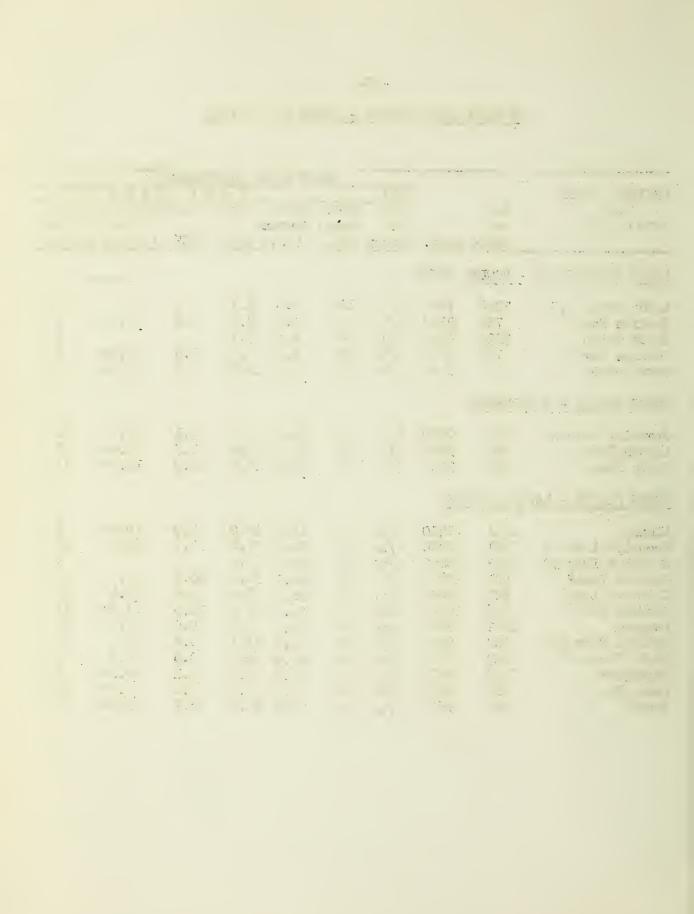
WYOMING SNOW SURVEYS ABOUT MAY 1, 1957

					SNOW C	OVER N	EASITE	POSSTAN	
DRAINAGE BASIN			1957		DIVOW	: P a		Recor	d.
and	No.		Date	Snow	Water		Conte	ent(In.)Pr	evions
SNOW COURSE	or		of	Depth	Content		1	938-52 Yr	s, of
	State	Elev.	Survey	(In.)	(In.)	1956	1955A	verage Re	ecord
TOTATED VIETTOLICHOUR	CITET	(ADDITION)							
LOWER YELLOWSTONE -	- SHELLS	GREEN			person and an extension of the second	-			
Bald Mountain	7E21	9600	4/23	78	23.5	24.2			1.
Beaver-Tongue Div.	7E20	9200	4/24	66	19.3	23.6			1
Bone-Spring Div.	7E18	9200	4/25	70	19.8	20.8			1
Granite Cr. Camp	7至22	7800	4/30	0	0.0	0.0			1
Granite Pass	7917	8950	4/25	66	19.9	21.2			1
Ranger Croek	7E4	8800	4/30	27	9.2	8.2	8.3	6.1:44	20
Shell Creek	7E23	9600	4/30	54	15.6	17.9			1
TOLUND VETTOLICUM	DODGTT	יים יינערכ	מזידינר						
LOVER YELLOWSTONE -	FURLU	TIME OF	TEEK						
Five Springs Falls	7E31	7500	5/1	18	5.6	4.6			1
Medicine Wheel	7E30	9000	4/23	59	16.3	15.5			1
LOWER YELLOWSTONE -	monore	ייים אינים או פ	,						
TOWER TELLOWSTONE -	I. ONGO	E RIVER	<u>.</u>						
Beaver-Tongue Div.	7E20	9200	4/24	66	19.3	23.6			
Big Goose #1	7E2	7700	4/28	2.5	8.4	4.4	2.2	2.6	21
Big Goose #2	7E32	7700	4/28	37	11.3	9.9	7.8		2
Bome-Spring Div.	7E18	9200	4/25	70	19.8	20.8			1
Burgess R.S.//l	7E1	7900	4/24	35	11.8	8.2	9.2	11.9*	1 6 2
Burgess R.S.#2	7E33	7900	4/24	36	8.4	8.7	9.1		2
Dome Lake #1	7E3	8800	4/28	35	11.2	9.6	7.9	7.7*	6
Dome Lake #2	7E34	8800	4/28	43	13.7	14.2			1
Gloom Creek Granite Pass	7E14 7E17	9300 8950	4/26 4/25	61 66	16.0 19.9	17.3			1
North Tongue	7E15	8800	4/24	46	14.2	13.9			1
Sibley Lake	7E11	8000	4/27	42	10.9	10.4			1
Sucker Creek	7E12	9000	4/26	54	15.3	13.8			1
Steamboat Point	7E10	7500	4/27	39	11.0	9.8			i
Wood Rock G.S.	7E13	8500	4/26	48	15.2	13.7			ī
		•	, ~						



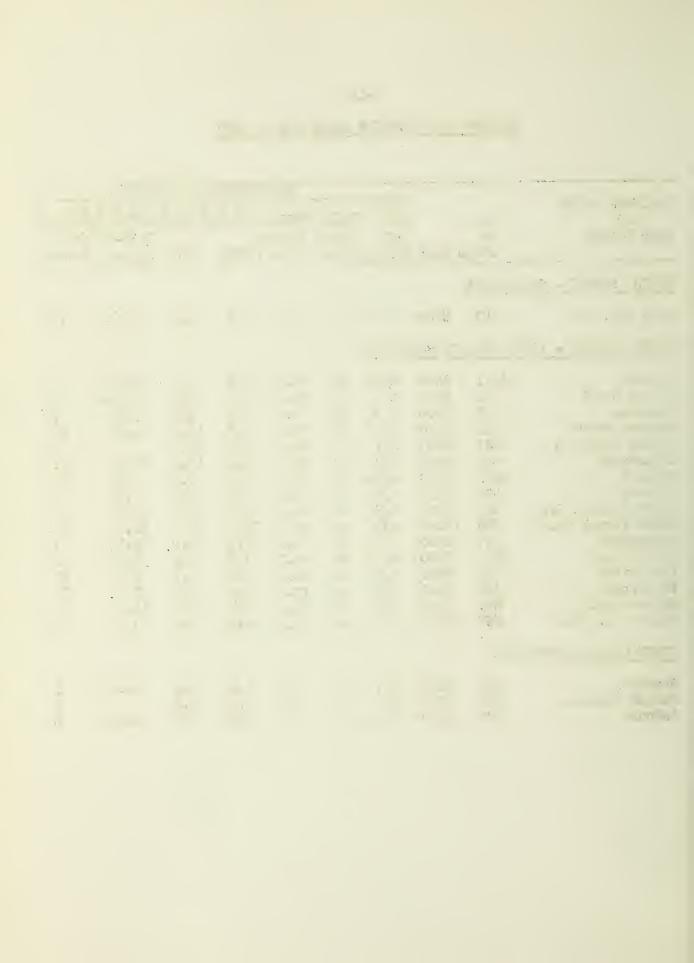
-10-WYOMING SNOW SURVEYS - ABOUT MAY 1, 1957

SNOW COVER MEASUREMENT										
DRAINAGE BASIN			1957	DIA	OW COL	P a		Recor	d	
and	No.		Date	Snow	Water			ent(In)Pre		
SNOW COURSE	or		of		Conte			1938-52 Y		
	State	Elev.	Survey) 1956	1955			
LOWER YELLOWSTONE	- POWDE	R RIVE	}							
			Mary Agent Park and America	terminal in		to except in uses the				
Muddy Creek G.S.	7E28	7800	5/2	13	3.6	5.1			1.	
Municres Pass	7E8	9700	5/1	38	11.4	12.4	9.6	9.0%	6	
Onion Gulch	7E27	8100	5/1	29	8.2	7.3	٠ .	۳ ۵۰۰	1 6	
Soldier Park	7E5	8700 8500	4/30	20	6.6	11.0	4.5	5.0%		
Sour Dough	7E6	0500	4/30	34	10.4	10.8	4.2	5.4**	17	
NORTH PLATTE - SWE	ETWATER									
Grannier Meadows	8G4	9000	5/4	54	19.2	15.7	13.1	14.0	20	
Larsen Creek	9 G 6	9000	5/1	38	15.3	10.6	1.7	7.0%	7	
South Pass	8G3	9000	5/4	56	19.0	19.1	14.0	14.6**	17	
NORTH PLATTE - LAR	AMIE RI	VER	ŕ							
Albany	6н11	9400	4/29	46	17.0	12.0	4.0	10.6*	8	
Brooklyn Lake #1	6HI	10200	4/29	84	33.4	27.8	17.5	23.6	21	
Brooklyn Lake #2	6H13	10200	4/29	83	32.8	26.4			1	
Cameron Passc	511	10300	4/27	89	36.1	38.9	16.9	24.3	21	
Chambers Lake ^c	5J2	9000	4/28	36	13.9	9.0	0.0	4.4	21	
Deadman Hill ^c	₅ 536	10200	4/29	68	25.0	24.2	14.6	17.6**	18	
Foxpark	6H1.2	9200	4/29	37	10.1	3.9	0.0	5.5	21	
Hairpin Turn #2	6H2	9500	4/29	46	16.2	13.1	6.8	11.4	21	
Libby Lodge #2	6н3	8700	4/29	38	13.2	6.3	3.6	6.8	21	
McIntyre ^c	5,715	9100	4/27	44	16.3	12.6	6.1	10.2*	8	
Pole Mtn. #2 Roach ^c	5H1 6 J 8	8700 9800	4/30	21	6.8	0.0	0.0	2.5*	15	
ROACH	010	2000	4/26	82	29.5	25.8	16.2	21.1**	16	



WYONING SNOW SURVEYS ABOUT MAY 1, 1957

DRAINAGE BASIN			3007		SNOW	COVER :P a		e c o r	4	
and and	No.		1957 Date	Snow	Water			ent(In.)		
SNOW COURSE	or		of		Conte		1 00110	1938-52		
		e Elev.) 1956	1955	Average		
	Margin Artist - Ping Sping Shapes					Extensión de la companya della companya de la companya de la companya della companya della companya de la companya della compa	(community of a linear			
NORTH PLATTE - CROW	CREEK									
Pole Mtn. #2	5H1.	8700	4/30	21	6.8	0.0	0.0	2.5*	15	
rote non. #2	Sur	0100	4/30	21	0.0	0.0	0.0	4.5%	75	
NORTH PLATTE - ABOVE SEMINOE RESERVOIR										
Albany	6H11	9400	4/29	46	17.0	12.0	4.0	10.6%	8	
Bottle Creek	6н8	8200	5/2	42	18.6	11.0	10.0	9.2**	20	
Boxelder	5G1.	9000	5/1	18	5.5	1.4	6.2	5.0%	7	
Cameron Pass ^C	511	10300	4/29	89	36.1	38.9	16.9	24.3	21	
Casper Mountain	6G1	8700	5/1	39	12.7	9.8	15.2	00.	2	
Columbine	6 J 3	9300	5/1	67	29.2	23.2	19.3	20.6	21	
Foxpark LaBonte	6HL2 5G2	9200 8450	$\frac{4}{29}$ $\frac{4}{29}$	37 2	10.1	3.9 0.0	0.0	5.5 0.0*	21 6	
North Barrett Cr.	6H5	9400	$\frac{4}{2}$	65	26.2	19.3	16.9	22.2	21	
North French Cr.#1	6Hl ₁	10200	5/3	98	42.8	33.0	26.3	32.7	19	
Northgate ^C	6J7	8500	4/30	23	8.0	2.1	0.0	2.1*	7	
Old Battle	6H10	9800	5/1	99	43.3	33.8	25.9	34.0	21	
Park View ^c	6 J 2	9200	4/29	38	10.6	6.4	1.5	7.9	21	
Ryan Park	6н6	8400	5/2	34	13.8	4.2	7.8	7.9	21	
Webber Spring	6н9	9000	5/2	49	21.6	15.4	13.0	16.4	21	
Willow Cr. Passc	6.15	9500	4/30	51.	17.5	14.2	4.2	13.5	19	
NORTH LARANTE MOUNTA	INS									
Boxelder	501	9000	5/1	18	5.5	1.4	6.2	5.0%	7	
Casper Mountain	6G1	8700	5/1 5/1	39	12.7	9.8	15.2		2	
LaBonte	5G2	8450	4/29	2	0.5	0.0	0.0	0.0%	6	



-12-

WYOMING SNOW SURVEYS ABOUT MAY 1, 1957

			-		The section of the se	CTTT N	TI A CITIES	31. E. 2022 C	
DDATHAR DAGTI			-0		SNOW	COVER M		The state of the last state of	-
DRAINAGE BASIN	••		1957			:Pa 3		ecor	
and	No.		Date	Snow	Water	:Water	Conte	ent(In.)	Previous
SNOW COURSE	or		of		Conter			1938-52	
	State	Elev.	Survey	(In.)	(In.)	1950	1955	Average	Record
TIDDED ASTORADO ADT	namen and the second				•				
UPPER COLORADO - GRE	IN HUY	L. L. Stane							
Big Park	10011	8700	4/25	70	25.1	23.3	18.3	-21.li*	5
Dutch Joe R.S.	9G5	8700	4/29	33	11.7	4.9	1.9	4.46	
East Rim Divide	10F17	7950	4/24	1 34	11.3		8.1		7.1
Green River Lakes	9F16	8100	4/30	19	-	6.4			
Gros Ventre Summit	10F19	8750	5/1	39	13.2	17.0			1
Kelly R.S.	10912	8200	4/26		-20.3	18.0			1 1
Kendall R.S.	10515	7900	4/30	30	12. 2	11.8	3.4	6.3	
.Loomis Park	10F16	8500	4/24	48	18.1	-	12.3	11.68	
Mulligan Park	9 G L	8900	5/2	33		8.4	6.0	6.5	21
Old Battle /	6FII.0	9800	5/1	99	43.3	33,8	25.9	34.0	21
Pimey-LaBarge	100.10	8820	4/27		25.6		6.6	13.2%	- 20
Poison Meadows	1.036	~8500	4/28	3 95	36.8	40.0			1
Snyder Basin R.S.#1	1039	80/40	4/27	7 48	19.3	11.9	2.9	7.9**	19
Snyder Easin R.S.#2	10013	0,103	4/27	47	18.8	12.6	7.0		
Soda Lake	16014	8300	4/29		21.9		12.9		2 2
Triple Peaks	10G15	8500	4/29		33.0	35.7			1
			·						
SNATE RIVER - ABOVE	JACKSON	TAKE	•						•••
Aster Creek	1.0E8	7700	. No E) o month		45.0			1
	10913	7200		leport leport		32.1			7
Grassy Lake	10E15	7265			41 0	42.0	36.4	28.5*	1 7 ·
Lewis Lake Div.	1019	7900	5/1		50.6	63.9	JU-4	~ ~ CO • JA	1
movement make have	ويوال	1700.	5/1	114	90 • Q	0).7			7



-13-

WYOMING SNOW SURVEYS ABOUT MAY 1, 1957

			SNOW COVER MEASUREMENTS							
DRAINAGE BASIN			1957			:Pas	t R	ecord		
and	No.		Date	Snow	Water		Conte	ent (In.)		
SNOW COURSE	or	-	of		Content			1938-52	Yrs.of	
	State	Elev.	Survey	(In.)	(In.)	1956	1955	Average	Record	
JACKSON LAKE TO PA	LISADES									
Afton R. S.	10G4	6200	4/29	0	0.0	0.9	0.0	0.0%	8	
Bryan Flat	10F14	6250	5/2	0	0.0	0.0	3.0	2.1*	11	
CCC Camp	10G7	7500	4/29	31	13.3	Trace	7.5	4.4*	7	
East Rim Divide	10F17	7950	4/24	34	11.3	12.1	8.1	10.7*	11	
Greys Boundary	10F18	5800	4/30	.0	0.0	0.0	4.0	0.8%	12	
Gros Ventre Summit		8750	5/1	39	13.2	17.0	5 0	1 20	1 6	
Grover Park Divide	10G3 10F16	7500 8500	4/30 4/24	25 48	11,1	Trace 20.2	7.8 12.8	4.3* 11.8**	18	
Poison Meadows	10G6	8500	4/24	95	36.8	μο.ο	12.0	TTI® ONEN	1.	
Salt River Summit	10G8	7900	$\frac{4}{29}$	44	17.7	6.9	9.9),	
Snow King Mtn.#1	10F11	7600	4/30	38	10.8	15.1	7.9	10.8*	4	
Snow King Mtn.#2	10F12	7200	4/30	29	9.0	8.6	6.4		3	
Teton Pass #2	10F13	8500		102	40.1	53.9	35.2	41.7%	3 8	
Togwotee Pass	10F9	9600	5/1	83	32.7	47.4	30.6	35.1*	8	
BEAR RIVER										
Big Park	10G11	8700	4/25	70	25.1	23.3	18.3	21.4*	5	
CCC Camp	10G7	7500	4/29	31	13.3	Trace	7.5	4.4%	7	
Goodman Ramchu	10J6	7900	5/1	12	4.6	0.0	0.0		2	
Hayden Fork ^u	10J7	9300	5/1	52	21.8	17.0	14.0		3 2	
Head of Bear River		8600	Aband			1.5	0.0			
Kelly R.S.	10G12	8200	4/26	59	20.3	18.0	00.0		1	
Monte Cristo R.S.u		8960	5/2	70	31.4	24.5	28.8	26.1	6	
Poison Meadows Salt River Summit	10G6 10G8	8500	4/28	95	36.8	40.0	0.0		1 4	
Still Water Campu	10517	7900 8550	4/29 5/1	44 34	17.7 13.0	6.9 4.0	9.9		2	
Trial LakeX	1018	9800	5/1	88	34.3	37.5	27.0	30.3 ⁵	9	
	7000	7000	0/ -			2102	21.0	00,0		
* Average of a	11 past	data.								

^{*} Average of all past data.

^{**} Average is for 15 years of data within and adjacent to the 1938-1952 period.

c. Colorado snow courses.

m. Montana snow courses.

s. South Dakota snow courses.

u. Utah snow courses.

x. Adjacent drainage.



14 STATUS OF WYOMING AND SOUTH DAKOTA RESERVOIR STORAGE - MAY 1, 1957

TAGTA		770 A 77 9 77	7704575	0.00011.000	3000	AGDS: DECE
BASIN	DEGENIZATE	USABLE	USABLE	STORAGE	_ 1000	ACRE FEET
and/or STREAM	RESERVOIR	CAPACITY	3055	3050	1055	15-Yr.Avg.
STREAM		1000s AF	1957	1956	1955	1938-52
Snake River	Jackson	847.0	185.3	258.5	502.6	502.7
Snake River	Palisades	1202.0				
North Platte	Seminoe	981.8	212.8	228.7	333.9	.387.6
North Platte	Pathfinder	1011.0	408.2	544.4	508.2	
North Platte	Alcova	190.5	187.7	187.6	187.7	132.2
North Platte	Guernsey	39.8	18.9	10.1	25.8	35.9
North Platte	Southerland	185.0	70.0	52.8	49.8	47.7
North Platte	Kingsley	1995.0	718.0	923.4	1232.0	1219.5
North Platte	Minatare	60.8	17.1	32.3	35.6	41.0
Kansas Basin	Bonny	39.9	39,5	40.5	38.7	17.1
Kansas Basin	Swanson Lake	116.1	100.6	67.2	40.8	
Kansas Basin	Enders	36.0	35.6	43.4	34.3	
Kansas Basin	Harry Strunk	33.9	31.0	32.8	32.5	27.4
Kansas Basin	Harlan County	252.9	78.7	196.8	97.9	
Kansas Basin	Cedar Bluff	176.8	115.3	125.4	87.2	72.0
Laramie River	Wheatland	95.0		6.0	3.5	44.1
Belle Fourche	Belle Fourche	185.2	62.5	119.0	101.7	132.4
Belle Fourche	Keyhole	190.3	3.2	15.9	32.1	0.5
Shoshone River	Buffalo Bill	380.3	97.6	130.4	,119.3	266.6
Wind River	Boysen	560.0	202.5	0.0	216.1	
Wind River	Pilot Butte	31.6	27.7	27.3	29.4	20.9
Wind River	Bull Lake	152.0	60.1	51.9	61.1	48.6 Em
Cheyenne River	Angostura	92.0	39.8	74.4	89.8	33.6
Cheyenne River	Deerfield	15.1	9.2	11.3	12.1	14.2
Grand River	Shadehill	84.0	77.9	82.7	79.7	
Green River	Big Sandy	38.3	13.0	12.2	12.8	

^{**} Average is for less than 15 years of record in the 1938-52 period.

Alcova, downstream from Seminoe and Pathfinder and containing 160,170 acre feet of active storage that is unavailable to the Kendrick Project.



The data included in this report were obtained by the Soil Conservation Service in cooperation with the agencies named below:

STATE

State Engineer of Wyoming

FEDERAL

- U.S. Department of Agriculture Forest Service
- U.S. Department of Commerce Weather Bureau
- U.S. Department of the Interior Bureau of Reclamation National Park Service Geological Survey

PRIVATE

Wheatland Irrigation District

Federal - State - Private COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"







